

**Notice of Allowability**

Application No.

10/040,293

Applicant(s)

DE JONG ET AL.

Examiner

Courtney D. Fields

Art Unit

2137

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 14 March 2007.
2. ☒ The allowed claim(s) is/are 1-9,12,15 and 18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 01 December 2006
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### **DETAILED ACTION**

1. Claims 10-11, 13-14, 16-17 and 19 have been cancelled.
2. Claims 4-6 have been amended.
3. Claims 1-9, 12, 15, and 18 are pending.

### ***Information Disclosure Statement***

4. The Information Disclosure Statement respectfully submitted on 01 December 2006 has been considered by the Examiner.

### ***Response to Arguments***

5. Applicant's arguments filed 14 March 2007 have been fully considered and they are persuasive.

### ***Allowable Subject Matter***

6. **Claims 1-9, 12, 15, and 18 are allowed.**
7. The following is an examiner's statement of reasons for allowance: The present invention is directed towards a method and system for managing identification in a data communications network wherein receiving a user-controlled secure storage device and enrolling the user with an authority network site. Claims 1, 2, 4, 5, 7, and 8 identifies the uniquely distinct features "**receiving a portable user-controlled secure storage device; enrolling a user of said portable user-controlled secure storage device with an authority network site, said enrolling comprising providing information**

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**requested by said authority network site; receiving user data in response to said enrolling; storing said user data in said portable user-controlled secure storage device; enabling said portable user-controlled secure storage device to release said user data; and using said user data, from said portable user-controlled secure storage device, at a service provider network site to obtain a service".**

**Claims 3,6, and 9 identifies the uniquely distinct features "presenting an identity credential request and data to be stored to a federated identity server via a client host; receiving an identity credential in response to said identity credential request, said identity credential comprising a randomized ID and an identification authority ID, said federated identity server capable of verifying the truthfulness, accuracy and completeness of said data to be stored; presenting a service request and said identity credential to a service portal, said service portal configured to issue an authentication request to said federated identity server; receiving a logon credential in response to said service request, said login credential comprising an indication of the client host used by the user; and using said logon credential to obtain a service from a service provider accessible via said service portal".** Claims 12,15, and 18 identifies the uniquely distinct features **"storing user logon information for at least one service provider server on a portable user-controlled secure device, said at least one service provider server comprising at least one network server that is capable of providing a service to a user; and logging on to said portable user-controlled secure device, said logging on providing access to said at least one service provider server".**

The closest prior art, Wu et al. (2002/0120864) discloses an automatable secure submission of confidential user information over a computer network using a repository server system supports one-click retrieval of user data over a communications network in fulfillment of the data requirements of a Web page form served to a user computer system by a Web page server. The repository server system includes a data store that stores user data. The repository server system provides the Web page form with a clickable user interface control to the user computer system. The control encompasses a user data request, issuable by the user computer system and that corresponds to the Web page form. The repository server system is responsive to the user data request to provide a user data response, corresponding to the user data request, to the user computer system. However, either singularly or in combination, Wu et al. fail to anticipate or render the claimed limitation of a portable user-controlled secure storage device, wherein the federated identity server is capable of verifying the truthfulness, accuracy and completeness of the data to be stored.

The closest prior art, Kells et al. (US Patent No. 5,768,504) discloses a system wide sign-on capability in a distributed computing environment (DCE) is provided. Acquired distributed computing environment credentials are usable by any process/window on a desktop. DCE logon application programming interfaces create and recognize the presence of a credentials cache capable of being used by DCE processes in the system. System wide logon occurs whenever the logon API is invoked with the environment variable set. This API is called as a result of the system logon option having been selected. The API updates a global variable with the name of the

credentials cache. A process variable is set to the global value by initialization logic for all subsequently invoked applications. As a result, any calls made by these application will acquire the credentials identified by the variable. However, either singularly or in combination, Kells et al. fail to anticipate or render the claimed limitation of a portable user-controlled secure storage device, wherein the federated identity server is capable of verifying the truthfulness, accuracy and completeness of the data to be stored.

The closest prior art, V.Samar (Single Sign-On Using Cookies for Web Applications) discloses a cookie based single sign-on architecture analyzing cookie security issues within a PKI, Kerberos, or password-stored web application. However, either singularly or in combination, V.Samar fail to anticipate or render the claimed limitation of a portable user-controlled secure storage device, wherein the federated identity server is capable of verifying the truthfulness, accuracy and completeness of the data to be stored.

The closest prior art, Ming-Chuan et al. (Encoded Bitmap Indexing for Data Warehouses) discloses an encoded bitmap indexing for data warehouses method wherein the data warehouses improves the performance of known bitmap indexing. However, either singularly or in combination, Ming-Chuan et al. fail to anticipate or render the claimed limitation of a portable user-controlled secure storage device, wherein the federated identity server is capable of verifying the truthfulness, accuracy and completeness of the data to be stored.

8. Therefore, **claims 1-9, 12, 15, and 18** are in condition for allowance.

### ***Conclusion***

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Courtney D. Fields whose telephone number is 571-272-3871. The examiner can normally be reached on Mon - Thurs. 6:00 - 4:00 pm; off every Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on 571-272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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June 10, 2007

*Matthew D. Smithers*  
**MATTHEW SMITHERS**  
**PRIMARY EXAMINER**  
*Art Unit 2137*